

STRATEGIC PLAN FOR ENHANCING ENERGY EFFICIENCY AND REDUCING GREENHOUSE GAS EMISSIONS FROM
HOMES, BUILDINGS, DISTRICTS AND NEIGHBORHOODS

CALL FOR PARTICIPANTS

The State Building Code Council and the Department of Commerce will convene a workgroup to provide input on the strategic plan as required by RCW 19.27A.150. The Council and the Department are providing this opportunity for any interested party to participate. The workgroup will be held in conjunction with a Council standing committee, the Mechanical, Ventilation and Energy (MVE) Committee.

Workgroup : Thursday, May 13, 2010, 9:00 – Work plan development

Location: Seattle Area Pipe trades.

All interested parties are encouraged to participate in the workgroup session.

- Short introduction to the strategic planning process [facilitator]
- Facilitated discussion [all]
 - Commerce is seeking input on the draft work plan
 - What are the most / least important areas of emphasis for this edition of the strategic plan?
 - Are there additional subjects not specifically addressed in the enabling legislation that should be included?
 - What contributions would you like to make?
 - Do you have concerns about schedule and opportunity to provide input

The Council and the Department seek input on the special topic areas, the process for development of the plan, and on how to achieve the goals for energy efficiency and reducing greenhouse gas emissions. The enabling legislation is attached to this notice. Updates on the process for plan development are posted on the Department of Commerce website at www.commerce.wa.gov/site/1325/default.aspx As well as the first meeting scheduled above, you are encouraged to participate in the following informative webinars.

Webinar: Tuesday, May 11, 2010 – 12:00-1:30 Introduction to this Strategic Plan and Public Process

- Enabling legislation
- Expectations for the first strategic plan
- Proposed Work Plan
- Proposed Meeting Schedule
- Opportunities to participate

Web access: <https://www.livemeeting.com/cc/washingtoncommerce/join?id=5D5558&role=attend&pw=Rztgd2S.W>

Phone Access: (360) 407-3780 Pin 769754 #

Webinar Tuesday, May 18, 2010 – 12:00-2:00 Methodology to Measure Achievement of State Energy Code Targets

- Discussion on the attributes of Target Finder – Why it might not be the best tool for this job [Murray]
- Description of PNNL methodology for ASHRAE 90.1 Determinations [Mark Halverson PNNL]
- Description of the NW Power Council Methodology [Council Staff or Mike Kennedy]
- Residential energy evaluation methodology [Murray]
- Introduction to 2013 Energy Reduction Targets [Murray]

Web access: <https://www.livemeeting.com/cc/washingtoncommerce/join?id=RB5T33&role=attend&pw=5k%22K%5E-c8r>

Phone Access: (360) 407-3780 Pin 769754 #

PUBLIC PROCESS – HOW TO PARTICIPATE

The enabling legislation for this strategic plan requires the Department of Commerce and the State Building Code Council (SBCC) to convene a work group with the affected parties to inform the initial development of the strategic plan. To maximize the opportunity for public input, SBCC and Commerce will convene a workgroup that consist of all parties that care to engage in the public process described below.

The strategic plan will be developed in three phases. First a series of webinars and workgroup meetings will be scheduled to inform the development of the plan and provide an opportunity broad public input (May – July). Second, Commerce will develop a draft strategic plan, (Aug – Sept). Commerce will continue to seek input, but no public meetings will be conducted during this time period. Third, review and revise the draft strategic plan (Oct). Commerce will provide several opportunities to provide input on the strategic plan, including additional workgroup meetings.

Broad public involvement on in subject specific areas of this strategic plan will be addressed through a series of webinars and workgroup meetings. Commerce also anticipates providing access to existing reports on specific subjects specifically to solicit public input. This will be supported by a web page that will archive these activities and will provide a method for providing feedback. Opportunities to participate include:

Webinars: Commerce will be holding webinars primarily as a means presenting information to participants. Participants will be able to ask clarifying questions, but the opportunity to provide comment will be somewhat limited.

Workgroup meetings: Workgroup meetings are in-person meetings. The primary function of the in-person meeting is the receiving input from interested parties. Meetings will likely include some presentations that inform the process, but the meetings will primarily be used to take input from the attendees. These meetings will be run by a professional facilitator.

Website: Commerce has established a website that will serve as a public portal to the development of this strategic plan. This will serve as an archive of the project and will provide a method for individuals to provide written comment. <http://www.commerce.wa.gov/site/1325/default.aspx>

Reference Materials: Commerce will be developing a reference list of key reports that inform this project. These reports will provide important input to the strategic plan. Participants are encouraged read reports relevant to their areas of interest.

Individuals or organizations that would like to provide presentations, reference documents, or other information that can inform this strategic plan are encourage to contact Chuck Murray at the Department of Commerce, 360 725-3113 or chuck.murray@commerce.wa.gov

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Enabling Legislation:

19.27A.150 Strategic plan — Development and implementation.

(1) To the extent that funding is appropriated specifically for the purposes of this section, the department shall develop and implement a **strategic plan for enhancing energy efficiency in and reducing greenhouse gas emissions from homes, buildings, districts, and neighborhoods**. The strategic plan must be used to help direct the future code increases in RCW [19.27A.020](#), with targets for new buildings consistent with RCW [19.27A.160](#). The strategic plan will identify barriers to achieving net zero energy use in homes and buildings and identify how to overcome these barriers in future energy code updates and through complementary policies.

(2) The department must complete and release the strategic plan to the legislature and the council by December 31, 2010, and update the plan every three years.

(3) The strategic plan must include recommendations to the council on energy code upgrades. At a minimum, the strategic plan must:

(a) Consider development of aspirational codes separate from the state energy code that contain economically and technically feasible optional standards that could achieve higher energy efficiency for those builders that elected to follow the aspirational codes in lieu of or in addition to complying with the standards set forth in the state energy code;

(b) Determine the appropriate methodology to measure achievement of state energy code targets using the United States environmental protection agency's target finder program or equivalent methodology;

(c) Address the need for enhanced code training and enforcement;

(d) Include state strategies to support research, demonstration, and education programs designed to achieve a seventy percent reduction in annual net energy consumption as specified in RCW [19.27A.160](#) and enhance energy efficiency and on-site renewable energy production in buildings;

(e) Recommend incentives, education, training programs and certifications, particularly state-approved training or certification programs, joint apprenticeship programs, or labor-management partnership programs that train workers for energy-efficiency projects to ensure proposed programs are designed to increase building professionals' ability to design, construct, and operate buildings that will meet the seventy percent reduction in annual net energy consumption as specified in RCW [19.27A.160](#);

(f) Address barriers for utilities to serve net zero energy homes and buildings and policies to overcome those barriers;

(g) Address the limits of a prescriptive code in achieving net zero energy use homes and buildings and propose a transition to performance-based codes;

(h) Identify financial mechanisms such as tax incentives, rebates, and innovative financing to motivate energy consumers to take action to increase energy efficiency and their use of on-site renewable energy. Such incentives, rebates, or financing options may consider the role of government programs as well as utility-sponsored programs;

(i) Address the adequacy of education and technical assistance, including school curricula, technical training, and peer-to-peer exchanges for professional and trade audiences;

(j) Develop strategies to develop and install district and neighborhood-wide energy systems that help meet net zero energy use in homes and buildings;

(k) Identify costs and benefits of energy efficiency measures on residential and nonresidential construction; and

(l) Investigate methodologies and standards for the measurement of the amount of embodied energy used in building materials.

(4) The department and the council shall convene a work group with the affected parties to inform the initial development of the strategic plan.

19.27A.160**Residential and nonresidential construction Energy consumption reduction Council report.**

(1) Except as provided in subsection (2) of this section, residential and nonresidential construction permitted under the 2031 state energy code must achieve a seventy percent reduction in annual net energy consumption, using the adopted 2006 Washington state energy code as a baseline.

2) The council shall adopt state energy codes from 2013 through 2031 that incrementally move towards achieving the seventy percent reduction in annual net energy consumption as specified in subsection (1) of this section. The council shall report its progress by December 31, 2012, and every three years thereafter. If the council determines that economic, technological, or process factors would significantly impede adoption of or compliance with this subsection, the council may defer the implementation of the proposed energy code update and shall report its findings to the legislature by December 31st of the year prior to the year in which those codes would otherwise be enacted.